

CIRCULAR

OF THE

PENNSYLVANIA

MILITARY ACADEMY

AT

CHESTER, DELAWARE COUNTY.

FOR THE

Academical Year, commencing Thursday, September 6th, 1866.

FOR BOARDERS ONLY.

PHILADELPHIA:

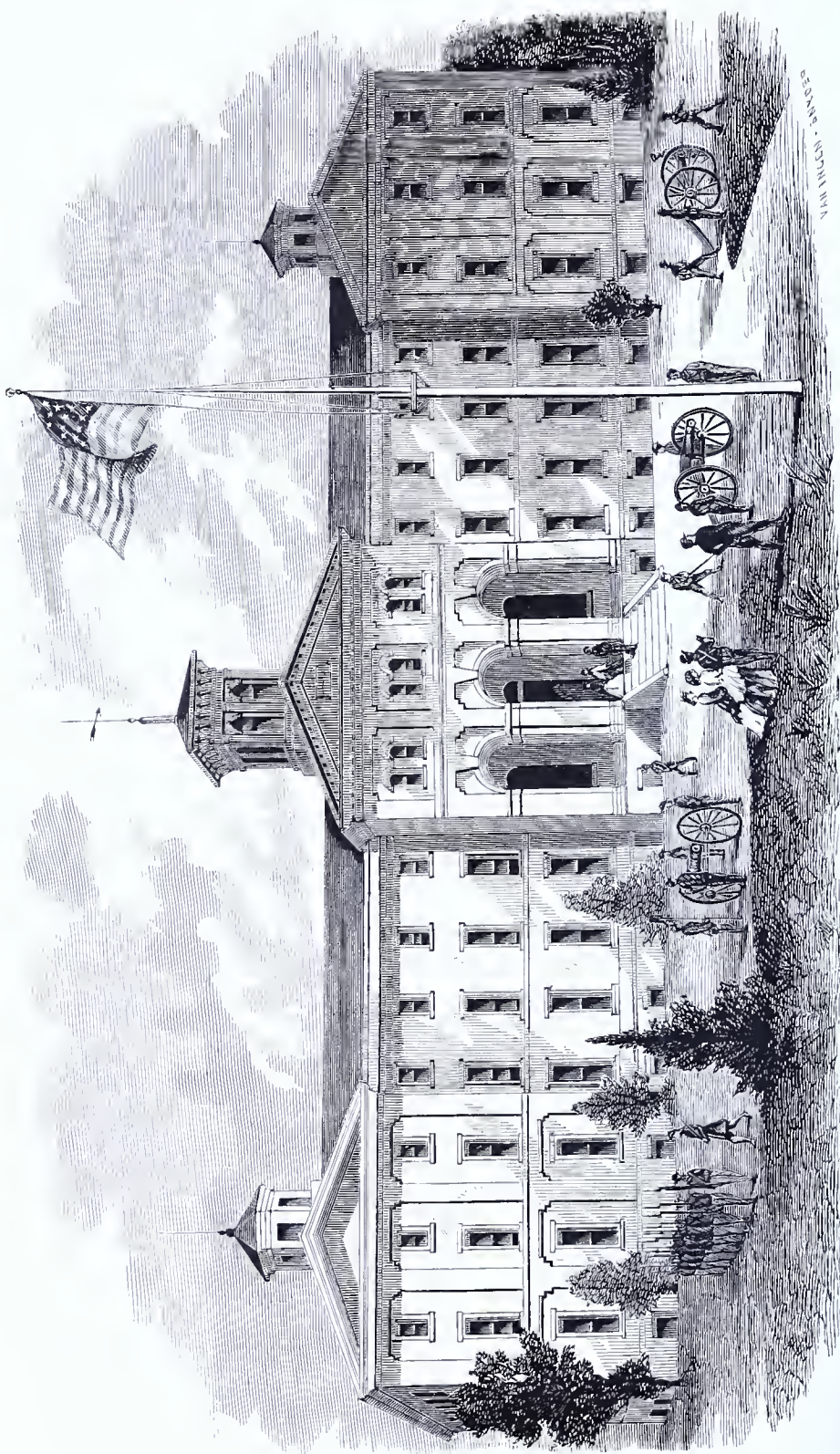
McLAUGHLIN BROTHERS, PRINTERS, 114 SOUTH THIRD STREET.

1866.



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PENNSYLVANIA MILITARY ACADEMY, AT CHESTER, DELAWARE CO., PA.
Col. THEO. HYATT, President.

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Academic Staff.

Col. THEODORE HYATT, M. A.

President and Professor of Natural and Experimental Philosophy, and Instructor in Tactics.

Capt. JAMES H. RICE, M. A.

Vice President and Professor of the Latin Language and Instructor in English Branches.

Col. GEORGE PATTEN, Graduate U. S. Mil. Acad.

Professor of Mathematics, Civil and Military Engineering, and Instructor in Tactics.

Rev. J. J. REED, Jr., B. A.

Professor of the Latin and Greek Languages and Elocution, and Instructor in English Branches.

Rev. A. ARMAGNAC, M. A.

Professor of Logic, Rhetoric and Chemistry, and Instructor in Mathematics.

G. A. F. VAN RYHN, M. A.

Professor of French, German and Spanish, and Instructor in Mathematics.

RICHARD TRIGGS, Esq.

Professor of Vocal and Instrumental Music, and Instructor in Tactics.

C. S. FAHNESTOCK, Esq.

Professor of Penmanship, and Instructor in Book-Keeping and Drawing.

Capt. RICHARD BLACKSTONE,

Instructor in Tactics.

Mr. PERRY M. WASHABAUGH,

Instructor in English Branches.

Mr. WILLIAM J. HARVEY,

Instructor in English Branches.

Military Staff.

Col. THEODORE HYATT,

Commandant of Cadets.

Col. GEORGE PATTEN,

Adjutant.

Rev. HENRY BROWN,

Rev. A. W. SPROULL,

Chaplains.

THEODORE S. CHRIST, M. D.

Surgeon.

C. S. FAHNESTOCK, Esq.

Treasurer and Quartermaster.

The following Report is inserted by order of the Board of Trustees :—

Pennsylvania Military Academy,

JUNE 27, 1866.

To the President and Members of the Board of Trustees of the Pennsylvania Military Academy:—

Gentlemen:

THE session of the Academy just closed has been marked by events of special interest and importance. Shortly after its opening, Cadet Harry C. Adsit, a most promising young man, was suddenly taken sick, and though he received every attention from parents and friends, died after a few days' illness. Painful as this dispensation of Providence was, to myself and all connected with the Academy, as well as to the bereaved parents, we have reason to believe that it was sanctified to the Institution, in lasting and salutary impressions produced upon the minds of many of our number. It may be proper to remark here that, in an experience of seventeen years, as the head of various educational institutions, this is the only case that has occurred of the death of a student under my charge.

Early in October an opportunity was afforded and embraced of obtaining the present superior location of the Academy. The building now occupied is much larger, handsomer and more delightfully situated than that from which the corps was removed. Among the special and prominent advantages of our new position we may mention an assembly room of three times the dimensions of

the former; private rooms for study—a want seriously felt; an elevated site commanding an extensive and beautiful view of the Delaware river and surrounding country; and grounds better adapted to the various drills and outdoor sports of the cadets. As the Academy is on one of the main routes of travel it is easy of access from all directions. We have reason to congratulate ourselves upon the healthfulness of our situation. No case of serious sickness has occurred since our removal, and but few cases of those lesser ailments to which we were formerly subject.

The change of position was effected during the Christmas vacation, and without detriment to the interests of the corps. The duties of the Academy were promptly resumed at the advertised opening, and continued uninterrupted until the dismissal of the corps.

About the middle of February a religious interest was awakened in the Academy, which did not abate in earnestness until the end of the session. At one time the work of grace was so powerful that it is believed not an officer or cadet escaped its influence. A large majority of the cadets professed a hope in Christ, and about one half have already joined the various religious bodies to which their parents are attached.

As may be inferred from the religious condition of the corps, serious infractions of the regulations have been few, and with pleasure I report that the infliction of extreme discipline has been necessary in but two instances. The studies of the Academy have been prosecuted with zeal and success. The examinations, most thorough and satisfactory, attested the competency and earnestness of the staff of

instructors, and the application and scholarly habits of the cadets. It is confidently stated that opportunities of the highest character are afforded in this Academy for the acquisition of a thorough English, classical and scientific education. The military department has been most efficiently conducted. The drills have been daily performed, and whilst no time has been taken from the studies of the Academy, the practical military instruction has continued to sustain a system of vigorous exercise, an erect and soldierly carriage among the cadets, and has contributed toward that thorough and efficient discipline for which this Academy has always been distinguished.

The exercises of the Annual Commencement consisted of a number of original orations, an exhibition of the musical attainments of the corps, and an examination in the military department. In all these exercises, I believe the cadets manifested a proficiency that was highly satisfactory to the representatives of your body, and to the patrons and friends of the Academy, of whom a large number was present. At the close of the orations, the Rev. Dr. NEWTON, chairman of the educational committee, addressing the corps in a few earnest and happy remarks, complimented the literary and elocutionary performances, comparing them favorably with those of the best literary institutions.

Hoping that our mutual labors in the future may continue, as in the past, to be blest to the real good of the youth entrusted to our care,

I am, most truly, yours,

THEODORE HYATT.

LOCATION.

THE Pennsylvania Military Academy is located near the city of Chester, on the line of the Philadelphia, Wilmington and Baltimore Railroad, and about a half hour's ride from Philadelphia.

The buildings, recently erected by the late John P. Crozer, Esq., for an educational institution, are in extent and appearance, and in beauty and healthfulness of situation, unsurpassed by any school buildings in the country.

The assembly room, to which the cadets have access in their hours of leisure, is sixty feet long, forty feet wide, and twenty-five feet high.

The cadet quarters are divided into about fifty apartments, designed each for the occupancy of two persons. These rooms are supplied with gas, heated and well ventilated.

The campus in front of the Academy, embracing several acres, and judiciously embellished with shade trees, affords a superior place for drill and physical recreation. The drill room, with gymnasium attached, three hundred and fifty feet long, furnishes unusual advantages for in-door exercises.

It is designed, in this Institution, to unite with moral and mental education, a thorough course of military instruction, both theoretical and practical. The physical exercises attendant upon the drills, construction of fortifications, and other works of practical engineering, will employ much of the time of recreation often wasted by students.

In all the routine of duties, the cadet will be subject to a system of police regulations, designed to make him prompt, systematic and gentleman-like.

The observation of several years has convinced the President that this branch of military instruction tends to make the cadet scrupulously exact and punctual in the performance of duty. The President has had a long and successful experience in the conduct of military institutions; he appre-

ciates the responsibility of his position, and labors conscientiously to so educate the young that they will be fitted to act the part of healthy, wise and high-minded men. A charter has been granted by the Legislature, which confers upon the Board of Trustees all the powers and privileges of the highest educational institutions. It also authorizes the Governor of this Commonwealth to furnish the Academy with arms for the infantry, artillery and cavalry drills, together with tents and other camp equipage.

To obtain the degree of A. B. the cadet must have completed the collegiate course, and passed his final examination; to obtain the degree of Bachelor of Science, he must have completed the commercial and scientific course, and passed his final examination. In either case he must have been in the Academy at least two years.

It is believed that the standard of studies and the requirements from the cadets will compare favorably with those of the best colleges in the country.

Cadets of correct deportment, if sufficiently advanced in the course, are permitted to study in their private rooms; but those who are indolent or defective in general conduct, are required to study in the assembly room, where an officer is always present.

At tattoo the cadets will retire quietly to the sleeping apartments, where each in his own appointed bed, may repose as undisturbed as at his own home. The rule of the sleeping rooms is *perfect quietness* from tattoo until reveille; no conversation upon any subject whatever will be permitted, excepting necessary communications to an officer of the Academy. To insure this, the officer in charge will be present in the rooms, and strictly enforce this regulation.

The officer in charge has a constant oversight of the cadets, and is responsible for their good behaviour during his tour of duty.

This constant supervision of the cadets will assure parents

and guardians that no effort is spared to avoid the influences resulting from carelessness or defective discipline.

TABLE OF EMPLOYMENT OF TIME IN PENNSYLVANIA MILITARY ACADEMY.

5.30 to 5.45 A. M.,	Reveille.
6 to 7	" Study.
7 to 7.20	" Breakfast.
7.30	" Surgeon's Call.
8	" Guard Mounting.
8.45 to 12 M.	Study and Recitations.
12.45 to 1.15 P. M.,	Dinner.
2 to 4	" Study and Recitations.
4.30 to 5.30	" Drill and Dress Parade.
6 to 6.20	" Supper.
7 to 9	" Study.
9 to 9.10	" Tattoo.
9.20	" Taps.

In the above table it will be seen that eight hours per day are assigned for studies, one hour for drill, eight hours for sleep, and one and a-half for meals, leaving five and a-half hours for recreation or special duties.

Upon Saturday—and the Sabbath of course—this table is varied from, but all duties on every day are performed with the strictest regard for punctuality.

All trains of the Philadelphia, Wilmington and Baltimore Railroad stop at Chester.

MENTAL CULTURE.

In the work of instruction the President is aided by a corps of experienced and competent teachers, who devote their time exclusively to the business of the Academy.

Each instructor has been selected because of his peculiar fitness for the department to which he is assigned, and he is held responsible for the faithful discharge of his duty to his classes. In order to satisfy himself of the proper advancement of all the cadets, the President frequently examines the respective classes.

Thoroughness is aimed at in all instruction, and no pains are spared to teach the cadet to *think*, and to impart habits of observation and reflection. In the Mathematics and Practical Sciences it is sought to make the know-

ledge imparted available in the mechanical pursuits, and in Engineering in all its branches.

The department of Chemistry embraces the study of Inorganic and Organic forms of matter, the Analysis and Composition of Substances, and the application of this knowledge to agriculture and other industrial arts.

The Academy is supplied with costly and extensive apparatuses for illustrating almost every branch of Natural Science, and also with instruments for field exercises in Surveying and Engineering.

Complete courses of Lectures are given, during the session, to the classes in Natural Science, and many lectures of general interest to the whole Academy.

Those cadets who, upon examination, are found deficient in the elementary English branches, viz: Orthography, Reading, Penmanship, and the rudimentary principles of Arithmetic and Grammar, will be required to give their exclusive attention to these studies until, in the judgment of the President, they are prepared for a more advanced course.

Previous to each of the vacations there will be an examination upon the studies pursued during the current part of the session. The examinations will be preceded by thorough reviews in all the classes.

MORAL TRAINING AND DISCIPLINE.

In moral training the Bible is the principal text book, and by all prudent means, the adoption of its principles as the standards of truth and duty, is recommended. It is designed that a strong religious (but not sectarian) influence shall pervade the training and discipline of the cadets. Upon the Sabbath all attend church in the care of some member of the Academic or Military Staff, and the denominational preferences of parents will be consulted so far as convenient.

All cadets spend a portion of the Sabbath in the study of the Scriptures. They also attend the daily devotional exercises of the Academy.

It is aimed to imbue them with high-minded and gentleman-like sentiments. Truthfulness, honor, candor of disposition, and doing right because it is right, are insisted upon. By appealing to the moral sense, discipline is often a means of elevating the character, and a cheerful obedience to rules is secured.

A system of discipline has been devised and adopted which consists of five grades of standing, denominated respectively—correct; first, second, third and fourth delinquents. Each grade of delinquency has a certain class of penalties attached. These penalties consist principally of extra guard duty, and the deprivation of privileges allowed to other cadets.

If a cadet pass through the fourth grade of delinquency without reformation, or commit any flagrant violation of order or decorum, he will be tried by the Academic Staff, and may be retired, dismissed or expelled from the Academy; if he be too young for this sort of discipline he *shall be governed*, though corporal punishment become necessary. It is determined that the laws of this Academy shall be enforced and the authority of its officers respected; the means used to this end will be as mild as is consistent with its accomplishment.

At Christmas and Easter each patron will receive a faithful report of the conduct and scholarship of his son or ward, and at the end of the session a general merit roll, giving a comprehensive view of the real standing of all cadets, will be published in the Annual Circular.

All articles sent to cadets will be inspected by the Quartermaster of the Academy, and any article deemed objectionable, will be returned by express to the sender.

The use of spirituous or fermented liquors, of tobacco in any form, and of cards or dice, is strictly prohibited. No applicant who has been addicted to the use of liquor or tobacco, will be admitted as a cadet till he has given a written pledge to abstain from its use while subject to the regulations of the Academy.

MILITARY INSTRUCTION.

This is divided into two departments—theoretical and practical.

The former consists of the studies of the drills of the several corps of the army, strategy, field fortifications, siege operations, construction of roads and bridges, and other branches of military engineering. This course is pursued in the school-room during the hours assigned for study; it is optional, and may be omitted at the request of parents or guardians.

The practical consists of the drills in infantry and artillery tactics—the sword and bayonet exercise, police duty, the construction of field fortifications, and so much of the other actual field operations included in military engineering, as the time of the cadets will permit. This course is attended to in the hours assigned for drill in the table of time, and all cadets will be required to participate in it.

For developing muscle, expanding the chest, and making the whole physical man healthy and vigorous, and at the same time for giving an erect and graceful carriage, and for teaching habits of promptness, order and punctuality, practical military instruction is unequalled.

To facilitate instruction in this department the State has furnished a full battery of six brass guns, and artillery and cavalry sabres.

The instructors in these departments are gentlemen thoroughly educated in the military schools of this country or Europe, some of them having been engaged in active service in the field.

THE HOSPITAL.

The hospital is admirably adapted to afford perfect quiet and comfort to the sick, and convenience to the nurses.

In cases of sickness more threatening than those light attacks of headache, etc., with which boys are often visited, parents may rely upon the prompt attendance of the surgeon, or such other physician as the patron or President may designate. Attentive and experienced nurses will do all that is possible to relieve the suffering.

WARDROBE, UNIFORM, &c.

The dress uniform of cadet gray will be made and trimmed according to pattern in the Academy.

The cap will be made of blue cloth, according to pattern in the Academy.

The overcoat will be made of gray kersey, according to pattern in Academy.

Every cadet will be required to have one suit of uniform always in order. For undress, a sack coat and trousers of cadet gray, made and trimmed according to pattern in Academy, will be worn when off duty,

In order to secure perfect uniformity and cheapness, all uniform clothing must be purchased of the tailor of the Academy, Mr. M. C. Thackray, No. 934 Spring Garden street, Philadelphia, or at the Academy, when it is more convenient to patrons.

Each cadet shall provide himself with the following articles :

Two black neck-ties.

Two pairs of suspenders.

Two pairs of high shoes or boots, with thick soles.

* Three pairs of coarse white cotton gloves, for drill.

Five white shirts, linen or cotton; or *three flannel shirts, according to pattern in Academy.

Five white linen collars; six pairs of socks.

Three pairs of drawers.

Three under-shirts; three night shirts.

Six pocket handkerchiefs.

* Four towels.

* Two table napkins.

* One clothes bag, according to pattern in Academy.

One clothes brush.

One hair brush and one comb.

One tooth brush.

* Two pairs of leather slippers, according to pattern in Academy.

* One wash-basin, one tin cup.

* One small looking-glass—8 by 10 inches.

One piece of soap.

One blacking brush with blacking.

One umbrella.

* One pair of stout linen oversleeves.

* One pair of warm buckskin gloves, for winter.

• One paper of needles, with spool of strong black thread.

Each article owned by cadet must be marked with owner's name in full.

This inventory has been prepared in order that parents may not send to the Academy useless articles; as no other dress than that prescribed shall be worn by cadets on any occasion, without permission, after the cadet shall have been provided with the uniform.

The articles marked thus (*) must, for the sake of uniformity, be procured of the Quartermaster—to those desiring it, he will furnish any articles on the above list.

The uniform cap may be procured of Messrs. Charles Oakford & Sons, Continental Hotel, and the uniform flannel shirts of Winchester & Co., No. 706 Chestnut street, Philadelphia.

CALENDAR.

The Academical Year consists of one session, commencing on the first Thursday in September, and ending on the last Wednesday in June, intermitting two weeks at Christmas.

This allows forty weeks for scholastic duties.

1866.

Session opens Thursday, September 6th.

Christmas vacation commences Wednesday, December 19th.

“ “ ends Thursday, January 3d, 1867.

Session ends Wednesday, June 26th.

Commencement exercises at 10 A. M., on the last day of the session.

On Thursday, September 6th, and Thursday, January 3d, at four o'clock, P. M., the first drum of the respective parts of the session will be beat for duty. If parents knew and felt the unspeakable importance of punctuality in obtaining an education, not one cadet would be absent unless detained by *real* sickness.

It is a rule of this Academy that every cadet shall answer to the first roll call after each vacation, and failure so to do, will be regarded and punished as want of punctuality at any other period of the session.

No cadet will be permitted to leave the Academy during the time of school duty, except in cases which the judgment of the President shall determine as strictly necessary.

Saturday afternoon, between the hours of two and five, is the time assigned for parents and friends to visit cadets; but they are invited to visit the Institution and see its practical working at any time, *except on the Sabbath*.

FINANCIAL.

The charges per session of forty weeks, are payable one half upon entering, the remainder on the 1st of February.

Cadets entering after the second week of the session, will be charged only from date of entrance; one half upon entering, the remainder on the 1st of February; but those entering on or after the 1st of January, will pay in advance to end of session. It is a condition upon which the cadet is admitted, that he remain in the Academy until the end of the current session, unless discharged by the President.

TERMS:

Instruction in all branches taught in the Academy, (excepting instrumental music,) board, washing, mending under-clothing. lights, fuel, pew rent, use of arms, ammunition for infantry and artil- lery practice, - - - - -	\$450 00
Instruction upon Piano, Violin, or other } instrument, (optional,) } - - - - -	\$60 00
Use of Piano, - - - - -	\$10 00
Books and Stationery will be extra.	
No extra charge for private room.	

Injury to property will be repaired at the expense of the cadet committing it, and his spending money, so far as necessary or sufficient, will be appropriated for this purpose.

Bills arising from medical attendance, medicine and nursing, will be extra. Should sickness detain any cadet from the Academy longer than one month, four dollars per week will be refunded, as the estimated cost of board and washing.

It is an invariable rule, that all spending money shall be deposited with the Treasurer for disbursement, and that cadets shall receive no money from parents or others, except through him, while subject to the regulations of the Institution.

Cadets will incur no bills without distinct permission from the President of the Academy.

No bills will be incurred for cadets, except by an order from parents or guardians, and on the account of funds previously deposited with the Treasurer; but the fact of a parent's sending a son to the Academy, shall be considered an order to furnish him with and keep in order the articles required by this circular, if he shall not have been provided with them.

Drafts will be forwarded for all bills not paid within ten days after their presentation.

COURSES OF INSTRUCTION.

These are the Primary, Collegiate, Commercial and Scientific. Cadets to be admitted into the Primary Course must be at least ten years of age; into the Collegiate, and Commercial and Scientific Courses, at least fourteen.

PRIMARY.

Orthography, Reading, Penmanship; Arithmetic—mental and written; Algebra, to Quadratics; History; Geography; Map Drawing; Pencil Drawing; English Grammar and Analysis; Epistolary and Literary Composition; Etymological Exercises; Natural and Experimental Philosophy; Book-keeping—optional; Elocution; Watts on the Mind; Bible; Vocal Music; Modern Languages—optional.

Cadets who wish to prepare for the Collegiate Course, will study additionally of Latin—

The Grammar and Reader; Cæsar; Cicero's Select Orations; Virgil; Six Books of Æneid, with the Bucolics and Georgics; Arnold's Latin Prose Composition to passive voice.

Of Greek—Hadley's Greek Grammar; Greek Reader; Anabasis; Gospel of St. John.

COLLEGIATE.

FOURTH CLASS—FIRST YEAR.

Algebra Completed; Geometry; Livy; Horace—commenced; Latin Prose Composition; Iliad; Memorabilia; Greek Prose Composition; Roman and Greek History.

THIRD CLASS—SECOND YEAR.

Trigonometry; Surveying, with Field Exercises; Analytical Geometry; Horace—completed; Cicero—de Officiis and de Senectute; Latin Prose Composition; Herodotus; Demosthenes, Select Orations; Greek Prose Composition; Evidences of Christianity.

SECOND CLASS—THIRD YEAR.

Differential and Integral calculus—optional; Tacitus; Juvenal; Latin Prose Composition; Plato's Apology of Socrates; Thucydides; Greek Prose Composition; Physical Geography; Rhetoric; Logic; Natural and Experimental Philosophy; Natural Theology.

FOURTH CLASS—FIRST YEAR.

Cicero de Natura Deorum and de Oratore—optional; Demosthenes de Corona—optional; Astronomy; Chemistry; Geology—optional; Mental Philosophy; Moral Philosophy; Constitution of the United States; Political Economy—optional; Infantry, Artillery and Cavalry Tactics—optional; Butler's Analogy.

COMMERCIAL AND SCIENTIFIC.

FOURTH CLASS—FIRST YEAR.

Algebra—completed; Geometry; Composition and Rhetoric; Book-keeping; Commercial Accounts; Drawing; History.

THIRD CLASS—SECOND YEAR.

Trigonometry; Surveying, with Field Exercises; Analytical Geometry; Civil Engineering with Field Exercises; Natural and Experimental Philosophy; Logic; Drawing; Evidences of Christianity.

SECOND CLASS—THIRD YEAR.

Descriptive Geometry; Shades; Shadows and Perspective; Differential and Integral Calculus; Chemistry; Mineralogy; Geology; Mechanics—optional; Physical; Geography; Civil and Mechanical Engineering—optional; Military Engineering—optional; Mental Philosophy; Natural Theology.

FIRST CLASS—FOURTH YEAR.

Astronomy; Rhetoric; Moral Philosophy; Constitution of United States; Political Economy; Civil Architecture—optional; Military Engineering—optional; Infantry, Artillery and Cavalry Tactics—optional; Agricultural Chemistry—optional; Butler's Analogy.

All the Classes have weekly exercises in Elocution, English Composition and Vocal Music. Modern Languages are optional.

 GRADES.

The grades are determined with the greatest care and accuracy, and as shown in the general merit roll, give a correct and comprehensive view of the conduct and scholarship of the cadets.

100 is the normal grade in each department of study and conduct, and its retainment implies perfectness in the cadet. This grade is lowered by violation of rule, neglect of duty, or deficient scholarship, in proportion to the gravity of the offence.

When, in any department, the grade of a cadet falls to zero, he is *ipso facto* dismissed from the Academy.

The grade of honor is conferred upon cadets who have been on duty during the *whole* session, and have retained an average grade of 95.

In calculating the average grade,

Department,	counts,	-	-	-	-	-	2
Scholarship,	"	-	-	-	-	-	3
Military exercises,	"	-	-	-	-	-	1

* Signifies—has the grade of honor.

GENERAL MERIT ROLL

OF

Cadets in Pennsylvania Military Academy,

FOR SESSION ENDING JUNE 27th, 1866.

NO.	NAME.	RESIDENCE.	DEPARTMENT.	SCHOLARSHIP.	MILITARY EXERCISES.	AVERAGE.
			2	3	1	
1	Henry A. Adsit,†	Hornellsville, N. Y.				
2	Alonzo P. Jefferis,*	West Chester, Pa.	100	97	96	97.8
3	J. H. Bughman,*	Pittsburg, Pa.	97.5	96	90	95.5
4	Richard Blackstone,*	Connellsville, Pa.	98	92	100	95.3
5	John R. Rutter,*	Yorkville, N. Y.	96	95	93	95
6	John J. Post,*	New York City.	96	94	96	95
7	H. C. Bughman,	Pittsburg, Pa.	97	91	97	94
8	H. D. Sellers,	" "	90	96	96	94
9	R. McStead,	Astoria, L. I. N. Y.	99.5	88	100	93.8
10	E. W. Schon,	Pt. Pleasant, W. Va.	98	93	88	93.8
11	Frank H. Scott,	Richmond, Ind.	86	98	97	93.8
12	John Adsit,	Hornellsville, N. Y.	92	95.4	90	93.3
13	Morris P. Janney,	Philadelphia, Pa.	92	91	96	92.1
14	S. H. Austin,	" "	92	93	90	92.1
15	E. T. Garrett,	" "	90	92	96	92
16	Thomas H. Larkin,	St. Louis, Mo.	86	95	92	91.5
17	J. W. Osborne,	New York City.	98.5	85	96	91.3
18	J. R. K. Carter,	Baltimore, Md.	80	97	96	91.1
19	N. F. Gilbert,	St. Mary's, Mo.	96.5	88	90	91.1
20	Philip A. Gaerberich,	Lebanon, Pa.	100	90	75	90.8
21	H. C. Holabird,	Cincinnati, Ohio.	83	96	90	90.6
22	J. H. Willock,	Pittsburg, Pa.	96.5	90	80	90.5
23	R. A. Cunningham,	Cairo, Ill.	98.5	88	80	90.1
24	H. F. Keller,	Sharon, Pa.	95	88	85	89.8
25	F. G. Paulson,	Pittsburg, Pa.	82	92	96	89.3
26	John H. Pierong,	Canton, Ohio.	89	92	82	89.3
27	Isaac N. Patterson,	West Manchester, Pa.	90	91	83	89.3
28	A. E. Hoover,	Washington, D. C.	92	88	88	89.3
29	J. B. Swift,	Cincinnati, Ohio.	92	90	81	89.1
30	C. Wetherill,	Philadelphia, Pa.	98	90	69	89.1
31	W. F. R. Jordan,	Bedford, Pa.	96	82	95	88.8
32	Frank Lasher,	Philadelphia, Pa.	94	88	80	88.6
33	Richard K. Evans,	Washington, D. C.	88	90	85	88.5
34	H. A. Johns,	Pottsville, Pa.	92	85	90	88.1
35	L. D. Hyatt,	West Chester, Pa.	94	84	88	88
36	Harry R. Price,	St. Clair, Pa.	97	87	72	87.8
37	J. H. Pardee,	Oswego, N. Y.	85	86	97	87.5
38	Geo. D. Wetherill,	Philadelphia, Pa.	83	90	87	87.1
39	D. M. McKee,	Pittsburg, Pa.	89	85	85	86.3
40	J. C. Canfield,	Baltimore, Md.	87	86	85	86.1
41	H. C. McKnight,	Pittsburg, Pa.	84	88	85	86.1
42	C. E. Hyatt,	Chester, Pa.	79	91	85	86
43	Jacob Miller,	Alliance, Ohio.	82	94	70	86
44	E. M. Haedrich,	Philadelphia, Pa.	93	90	60	86
45	L. L. Reamey,	Holidaysburg, Pa.	61	97	98	85.1
46	W. F. Smith,	Franklin, Pa.	79	88	85	84.5
	R. H. Miller,	Chillicothe, Ohio.	92	81	76	83.8

†—Deceased before the first examination.

NO.	NAME.	RESIDENCE.	DEPARTMENT.	SCHOLARSHIP.	MILITARY EXERCISES.	AVERAGE.
			2	3	1	
47	J. A. Woodwell,	Pittsburg, Pa.	77	86	90	83.6
48	Wm. B. Adamson,	Philadelphia, Pa.	83	83	86	83.5
49	J. M. Bingham,	Pittsburg, Pa.	79	88	75	82.8
50	J. E. Rutter,	Yorkville, N. Y.	87	81	79	82.6
51	H. A. Penistan,	Philadelphia, Pa.	85	84	70	82
52	G. B. Berger,	New Castle, Pa.	85	85	65	81.6
53	D. W. Rothermel,	Philadelphia, Pa.	87	82	70	81.6
54	M. H. Bennett,	Hornellsville, N. Y.	92	80	65	81.5
55	W. L. Bryant,	Pittsburg, Pa.	84	81	73	81.5
56	A. S. Woodwell,	" "	73	86	85	81.5
57	L. P. Ashmead,	Philadelphia, Pa.	65	89	90	81.1
58	J. H. Ogleby,	Wheeling, W. Va.	93	75	75	81
59	John H. Kitts,	Philadelphia, Pa.	71	86	85	80.8
60	J. M. Davis,	" "	88	80	66	80.3
61	T. L. Mingle,	" "	79	82	78	80.3
62	Wm. E. Butler,	Charleston, S. C.	80	84	68	80
63	J. B. Myers,	Franklin, Pa.	90	74	76	79.6
64	C. P. Campbell,	Pittsburg, Pa.	71	83	85	79.3
65	W. W. Sanford,	New York City.	78	79	80	78.8
66	Chas. E. Jones,	Pittsburg, Pa.	75	81	78	78.5
67	Jas. Heaton,	New Berne, N. C.	72	82	80	78.3
68	Glynden Brown,	Washington, D. C.	91	76	60	78.3
69	A. W. Pomeroy,	Pomeroy, Ohio.	78	76	76	76.6
70	J. W. Fithian,	West Chester, Pa.	69	81	78	76.5
71	J. M. Stewart,	Indiana, Pa.	87	66	86	76.3
72	R. O. Spogle,	Philadelphia, Pa.	70	79	80	76.1
73	Elmer Delaney,	" "	76	81	60	75.8
74	F. L. Ford,	Claymont, Del.	81	75	65	75.3
75	T. D. Bushnell,	Franklin, Pa.	91	63	80	75.1
76	Wm. C. Bare,	Cincinnati, Ohio.	66	80	75	74.5
77	J. B. Mitchell,	Philadelphia, Pa.	59	86	70	74.3
78	A. W. Brawdy,	Allegheny, Pa.	82	67	76	73.5
79	J. M. Jordan,	Bedford, Pa.	66	74	85	73.1
80	Marx Halle,	New York City.	49	82	90	72.3
81	Jas. P. Sourbeck,	Alliance, Ohio.	66	67	95	71.3
82	H. G. Haedrich,	Philadelphia, Pa.	50	83	76	70.8
83	S. C. Barney,	Washington, D. C.	61	74	70	69
84	E. N. Stewart,	Indiana, Pa.	58	78	49	66.5
85	H. C. Orem,	Baltimore, Md.	72	78	20	66.3
86	Richard Trexler,	Reading, Pa.	44	82	49	63.8
87	Wm. A. Dickey,	Pittsburg, Pa.	42	74	75	63.5
88	A. M. Stiles,	Tidioute, Pa.	35	74	85	62.8
89	Chas. W. Preston,	Philadelphia, Pa.	59	65	50	60.5
90	Alban Y. Jones,	Pittsburg, Pa.	30	77	69	60
91	J. M. Baker,	Philadelphia, Pa.	29	76	60	57.6
92	Harry T. Keyser,	" "	62	63	30	57.1
93	Theodore Fenn,	Harrisburg, Pa.	36	67	70	57.1
94	H. D. Mears,	Washington, D. C.	42	60	72	56
95	Chas. A. Diehl,	Philadelphia, Pa.	26	67	35	48
96	Simeon Newhouse,	" "	20	75	20	47.5
97	Adin Partridge,	" "	40	46	60	46.3
98	R. L. Reid,	Cincinnati, Ohio.	12	60	50	42.3
99	D. B. Sigfried,	Pottsville, Pa.	13	67	25	42
100	A. J. Mitchell,	Philadelphia, Pa.	3	67	40	41.1
101	Thomas Watson,	Allegheny City, Pa.	2	66	42	40.6
102	Colson Hieskell,	Philadelphia, Pa.	20	36	20	28
103	Frank T. Pomeroy,	St. Louis, Mo.	1	35	59	26.1
	Lewis Haymond,	Clarksburg, W. V.	0	75	70	
	A. H. Moore,	Philadelphia, Pa.	0	74	40	

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